

**Product Name: PCGF6 Rabbit Monoclonal Antibody****Catalog #: AMRe87596**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:100-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:40 kDa; Observed MW:40 kDa

**Antigen Information**

<b>Gene Name</b>	PCGF6
<b>Alternative Names</b>	MBLR; Rnf134; AI604840; 4933407A11Rik
<b>Gene ID</b>	71041
<b>SwissProt ID</b>	Q99NA9
<b>Immunogen</b>	Recombinant protein of mouse PCGF6

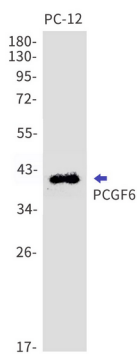
**Background**

Transcriptional repressor. May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase. Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the

transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity.

## Research Area

## Image Data



Western blot detection of PCGF6 in PC-12 cell lysates using PCGF6 antibody(1:1000 diluted).